

# Milk Analyzer and Stirrer in One

Introducing  
**prompt**<sup>®</sup>

## **MILKOLITE COMBO**

milk analyzer + stirrer

Our unique offering, Prompt Milkolite Combo, is an indigenous milk testing machine that combines two essential requirements: stirring and analyzing milk parameters such as FAT, SNF, added water, and milk density. It is robust, easy to operate, and useful for analysing cow, buffalo, and mixed milk.



## KEY FEATURES:



Measures and records milk FAT, SNF, added water and density



High repeatability of milk testing results



One-touch analysis



Measuring time 40 Sec



Single curve calibration



Low maintenance



Compatible with solar power



Spare parts are easily accessible

## TECHNICAL SPECIFICATIONS

Measuring parameters	FAT: 0.0 to 15% with accuracy $\pm 0.1\%$
	SNF: 3 to 15% with accuracy $\pm 0.15\%$
	Added water to milk: 0 to 60% with accuracy $\pm 5\%$
	Density: $1.0220 \text{ g/cm}^3$ to $1.0360 \text{ g/cm}^3$ with accuracy $\pm 0.0005 \text{ g/cm}^3$
	Resolution: $\pm 0.01\%$ for FAT, $\pm 0.01\%$ for SNF, $\pm 1\%$ for added water, $\pm 0.0001 \text{ g/cm}^3$ for density
	Repeatability: $\pm 0.03\%$ for FAT, $\pm 0.05\%$ for SNF, $\pm 0.5\%$ for added water, $\pm 0.0002 \text{ g/cm}^3$ for density
Measuring time	40 seconds
Milk temperature	$5^\circ\text{C} \sim 40^\circ\text{C}$
Operating facilities	In built stirrer, Cleaning, Single curve calibration, Error list, Suitable for Cow/Buffalo/Mixed Milk
Display	16 characters by 2 lines with 10mm character heights, alphanumeric LCD display
Keys	5 Push-button keys
Storage	8GB SD card for log and measurement data storage
Interface	1 RS232 Serial port
	1 USB Host port
Power input	AC Supply: $230\text{V} \pm 15\%$ , 50 Hz
	DC Supply: 12V to 14V DC, 10A
Battery	12V 6Ah LiFePO4 (Optional)
Environmental conditions	Ambient air temperature: $10^\circ\text{C} \sim 50^\circ\text{C}$
	Relative humidity: 30% to 80%
Power consumption	Average 80 watts, peak 110 watts
Loose accessories	RS232 serial cable - 1 Qty.
	Battery power cable - 1 Qty.
	Monthly cleaning solution - 1 Qty.
	Daily cleaning solution - 1 Qty.
	Measuring mug - 2 Qty.
	Operating manual- 1 Qty.
	Plunger - 1 Qty.

### Prompt Equipments Pvt. Ltd.

7th Floor, Shaligram Corporates, C. J. Road, Iskon - Ambli Road, Ahmedabad Gujarat - 380058 (India )  
 info@promptdairytech.com | www.promptdairytech.com

Ph: 02717 45 1111/ 6111 Follow us on    

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